Becejet date: 11/30/2010

Doc description: Information Disclosure Statement (IDS) Filed

10595817 - GALL 170146)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

10595817 **Application Number** Filing Date 2007-04-23 INFORMATION DISCLOSURE First Named Inventor Ammar S. Alkhawaldeh STATEMENT BY APPLICANT Art Unit 1714 (Not for submission under 37 CFR 1.99) **Examiner Name** Robert M. Kunemund Attorney Docket Number 1789-13502

				U.S	S.PATENTS			Remove			
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date		of cited Document Rele			es,Columns,Lines where vant Passages or Relevan res Appear		
/RK/	1	6322901	B1	2001-11-27	Bawendi, et a						
If you wis	l h to ac	_	ent citatio	l n information	_ please click the	Add button.		Add			
			U.S.P	ATENT APPL	ICATION PUB	BLICATIONS		Remove			
Examiner Initial*	Cite I	No Publication Number	Kind Code ¹	Publication Date		Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevan Figures Appear			
	1										
If you wis	h to ad	dd additional U.S. Pub	olished Ap	•	on information	·	d button	Add Remove			
Examiner Initial*	Cite No	Foreign Document Number ³	Country Kin		Publication Date	Name of Patentee or Applicant of cited		Pages,Columns,Lines		T5	
/RK/	1	2005052996	wo	A2	2005-06-09	William Marsh Rice University	•				
/RK/	2	2005052996	WO A3 2005-06-0		2005-06-09	William Marsh Rice University					
If you wis	l h to ac	 dd additional Foreign	_ Patent Do	cument citatio	_ ⊳n information p	lease click the Add	button	Add		<u> </u>	
			ИОИ	I-PATENT LIT	ERATURE DO	CUMENTS		Remove			

Receipt date: 11/30/2010 10595817 - GAU: 1714 Application Number 10595817 Filing Date 2007-04-23 INFORMATION DISCLOSURE First Named Inventor Ammar S. Alkhawaldeh Art Unit 1714 (Not for submission under 37 CFR 1.99) **Examiner Name** Robert M. Kunemund

Attorney Docket Number

1789-13502

STATEMENT BY API	PLICANT

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T⁵
/RK/	1	ALIVISATOS, A. P., et al., "Semiconductor clusters, nanocrystals, and quantum dots," Science, New Series, February 16, 1996, vol. 271, no. 5251, pgs. 933-937.	
/RK/	2	BUKOWSKI, TRACIE J., et al., "Quantum dot research: current state and future prospects," Critical Reviews in Solid State and Materials Sciences, 2002, vol. 27, no. 3/4, pgs. 119-142, CRC Press, Inc.	
/RK/	3	DABBOUSI, B. O., et al., "(CdSe)ZnS core-shell quantum dots: synthesis and characterization of a size series of highly luminescent nanocrystallites," The Journal of Physical Chemistry B, 1997, vol. 101, pgs. 9463-9475, American Chemical Society.	
/RK/	4	DUAN, XIANGFENG, et al., "General synthesis of compound semiconductor nanowires," Advanced Materials, 2000, vol. 12, no. 4, pgs. 298-302, WILEY-VCH.	
/RK/	5	KATARI, J. E. BOWEN, et al., "X-ray photoelectron spectroscopy of CdSe nanocrystals with applications to studies of the nanocrystal surface," The Journal of Physical Chemistry, 1994, vol. 98, pgs. 4109-4117, American Chemical Society.	
/RK/	6	MANNA, LIBERATO, et al., "Synthesis of soluble and processable rod-, arrow-, teardrop-, and tetrapod-shaped CdSe nanocrystals," Journal of the American Chemical Society, 2000, vol. 122, pgs. 12700-12706, American Chemical Society.	
/RK/	7	MURRAY, C. B., et al., "Synthesis and characterization of monodisperse nanocrystals and close-packed nanocrystal assemblies," Annual Review of Materials Science, 2000, vol. 30, pgs. 545-610, Annual Reviews.	
/RK/	8	MURRAY, C. B., et al., "Synthesis and characterization of nearly monodisperse CdE (E = S, Se, Te) semiconductor nanocrystallites," Journal of the American Chemical Society, 1993, vol. 115, pgs. 8706-8715, American Chemical Society.	
/RK/	9	PENG, XIAOGANG, et al., "Kinetics of II-VI and III-V colloidal semiconductor nanocrystal growth: "focusing" of size distributions," Journal of the American Chemical Society, 1998, vol. 120, pgs. 5343-5344, American Chemical Society.	
/RK	10	PENG, Z. ADAM, et al., "Mechanisms of the shape evolution of CdSe nanocrystals," Journal of the American Chemical Society, 2001, vol. 123, pgs. 1389-1395, American Chemical Society.	

Receipt	date	e: 11/30/2010	Application Number		10595817	1059	95817	- GAU:	1714	
			Filing Date		2007-04-23					
		TION DISCLOSURE	First Named Inventor	Amma	mmar S. Alkhawaldeh					
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)			Art Unit	•	1714					
			Examiner Name	Robe	Robert M. Kunemund					
			Attorney Docket Numb	ttorney Docket Number 1789-13502						
/RK/	11	QU, LIANHUA, et al., "Alternative routes toward high quality CdSe nanocrystals," Nano Letters, 2001, vol. 1, no. 6, pgs. 333-337, American Chemical Society.								
/RK/	12	QU, LIANHUA, et al., "Control of photoluminescence properties of CdSe nanocrystals in growth," Journal of the American Chemical Society, 2002, vol. 124, no. 9, pgs. 2049-2055, American Chemical Society.								
/RK/	13	WANG, Y. ANDREW, et al., "Stabilization of inorganic nanocrystals by organic dendrons," Journal of the American Chemical Society, 2002, vol. 124, no. 10, pgs. 2293-2298, American Chemical Society.								
/RK/	14	YU, W. WILLIAM, et al., "Formation of high-quality CdS and other II-VI semiconductor nanocrystals in noncoordinating solvents: tunable reactivity of monomers," Angewandte Chemie International Edition, 2002, vol. 41, no. 13, pgs. 2368-2371, WILEY-VCH.						ng 🗆		
/RK/	15	Foreign Communication from a related counterpart application - International Preliminary Report on Patentability, PCT/ US2004/038807, May 22, 2006, 4 pages.							T/	
If you wis	h to ac	dd additional non-patent literati	ure document citation info	matior	n please click the /	Add bı	ıtton A	dd		
			EXAMINER SIGNA	TURE				-		
Examiner	Signa	ture /RK/ /Robert k	Sunemund/		Date Consider	ed	02/13/20	011		
		itial if reference considered, w conformance and not consider					Draw line	e through a	a	

¹ See Kind Codes of USPTO Patent Documents at <u>www.USPTO.GOV</u> or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.